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<p>Under the Paperwork Reduction Project 1250-0180, no persons are required to respond to a collection of information unless it displays a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <p>Application Number 10/697,534-Conf. #7591</p> <p>Filing Date October 30, 2003</p> <p>First Named Inventor Steve Shattil</p> <p>Art Unit 2611</p> <p>Examiner Name K. Kim</p> <p>Attorney Docket Number 27592-00404-US3</p>	
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
	AA*	US-5,432,522	07-11-1995	Kurokami	
	AB*	US-5,333,000	07-26-1994	Hietala et al.	
	AC*	US-5,231,405	07-27-1993	Riza	
	AD*	US-5,274,381	12-28-1993	Riza	
	AE*	US-5,307,073	04-26-1994	Riza	
	AF*	US-5,512,907	04-30-1996	Riza	
	AG*	US-5,677,697	10-14-1997	Lee et al.	
	AH*	US-5,367,305	11-22-1994	Volker et al.	
	AI*	US-5,583,516	12-10-1996	Lembo	
	AJ*	US-4,827,480	05-02-1989	Kowalski	
	AK*	US-5,003,545	03-26-1991	Kowalski	
	AL*	US-5,132,694	07-21-1992	Sreenivas	
	AM*	US-5,592,490	01-07-1997	Barratt et al.	
	AN*	US-5,642,353	06-24-1997	Roy, III et al.	
	AO*	US-5,515,378	05-07-1996	Roy, III et al.	
	AP*	US-5,471,647	11-28-1995	Gerlach et al.	
	AQ*	US-5,260,968	11-09-1993	Gardner et al.	
	AR*	US-5,329,248	07-12-1994	Izadian	
	AS*	US-5,117,239	05-26-1992	Riza	

FOREIGN PATENT DOCUMENTS

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.95(a)(2)(iii)) because that patent was filed after August 30, 2003 or is available in the IPW. * Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov of MPEP §601.4. Enter Office that issued the document. If the document is a foreign publication, indicate the year of the document under the "Year of the Document" column. The English translation of the title precedes the serial number of the patent mark here. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. * Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/697,534-Conf. #7591
		Filing Date	October 30, 2003
		First Named Inventor	Steve Shattil
		Art Unit	2611
		Examiner Name	K. Kim
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		Attorney Docket Number	27592-00404-US3

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AT*	US-5,187,487	02-16-1993	Riza	
	AU*	US-5,202,776	04-13-1993	Gesell et al.	
	AV*	US-5,623,360	04-22-1997	Gesell et al.	
	AW*	US-5,461,687	10-24-1995	Brock	
	AX*	US-5,515,060	05-07-1996	Hussain et al.	
	AY*	US-4,901,307	02-13-1990	Gilhouse et al.	
	AZ*	US-5,687,169	11-11-1997	Fullerton	
	AA1*	US-4,743,906	05-10-1988	Fullerton	
	AB1*	US-4,641,317	02-03-1987	Fullerton	
	AC1*	US-4,813,057	03-14-1989	Fullerton	
	AD1*	US-4,979,186	12-18-1990	Fullerton	
	AE1*	US-5,363,108	11-08-1994	Fullerton	
	AF1*	US-6,504,862	01-07-2003	Yang	
	AG1*	US-6,526,105	02-25-2003	Harikumar et al.	
	AH1*	US-6,687,511	02-03-2004	McGowan et al.	
	AI1*	US-6,859,506	02-22-2005	McCorkle	
	AJ1*	US-7,031,371	04-18-2006	Lakkis	
	AK1*	US-7,082,153	07-25-2006	Balachandran et al.	
	AL1*	US-20040057501	03-25-2004	Balachandran et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

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		Examiner Name	K. Kim
		Attorney Docket Number	27592-00404-US3
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Jevremovic, "Smart Antenna Systems for CDMA (IS-95) Technology"; Microwave Online Services Co., US West Advanced Technologies white paper	
	CB	Kowalski, Hale, Shattil, "Broadband Continuous-Wave Laser," Optics Letters, Vol. 13, No. 8, August 1988, pp. 622-624	
	CC	Kowalski, Shattil, Hale, "Optical Pulse Generation with a Frequency Shifted Feedback Laser," Appl. Phys. Lett., Vol. 53, No. 9, 29 August 1988	
	CD	Kowalski, Squier, Pinckney, "Pulse Generation with an Acousto-Optic Frequency Shifter in a Passive Cavity," Appl. Phys. Lett., Vol. 50, No. 12, 23 March 1987	
	CE	Shattil, "A New Method for Generating Short Optical Pulses," T-3513, Colorado School of Mines, Dec. 1987	
	CF	Natarajan, "Throughput enhancement in TDMA through carrier interferometry pulse shaping," 52nd Vehicular Technology Conference, 2000, IEEE VTS-Fall VTC 2000, vol. 4, Sep. 24-28, 2000, pp. 1799-1803, vol. 4	
	CG	Wiegandt, "Peak-to-average power reduction in high-performance, high-throughput OFDM via pseudo-orthogonal carrier-interferometry coding," IEEE Pacific Rim Conference on Communications, Computers and signal Processing, 2001, PACRIM, 2001, vol. 2, Aug. 26-28, 2001 pp. 453-456, vol. 2	
	CH	Natarajan, "Innovative pulse shaping for high-performance wireless TDMA," IEEE Communications Letters, vol. 5, Issue 9, Sep. 2001, pp. 372-374	
	CI	Zhiqiang, "Ultra wideband DS-SS via innovations in chip shaping," IEEE VTS 54th Vehicular Technology Conference, 2001, VTC 2001, Fall, Vol. 4, Oct. 7-11, 2001, pp. 2470-2474, vol. 4	
	CJ	Natarajan, "Crest factor considerations in MC-SS with carrier interferometry codes," PACRIM, 2001 IEEE Communications Pacific Rim Conference on Computers and signal Processing, 2001, vol. 2, Aug. 26-28, 2001, pp. 445-448, vol. 2	

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